

The diagram illustrates a bioarray system. A light source (36) emits light through a filter (37) onto a bioarray (32) mounted on a stage (48). The bioarray is supported by a support (34). Light from the bioarray is collected by an objective lens (30) through a filter (35) and imaged onto a CCD camera (38). A photosensor (44) is also connected to the processor (47). The processor (47) outputs data. An imaged panel (42) is shown as a grid of circles.

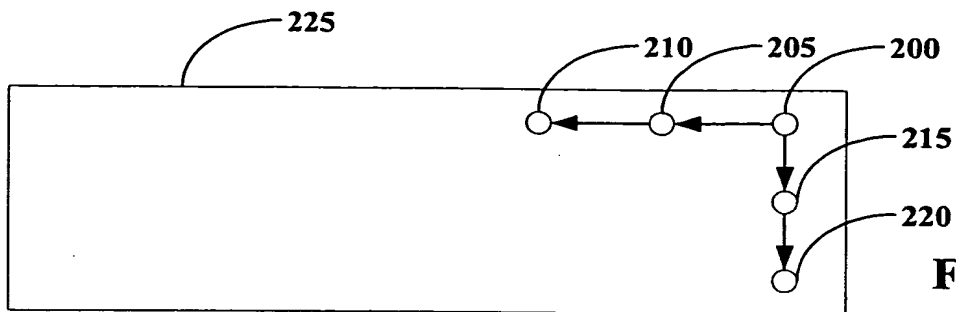


Figure 2A

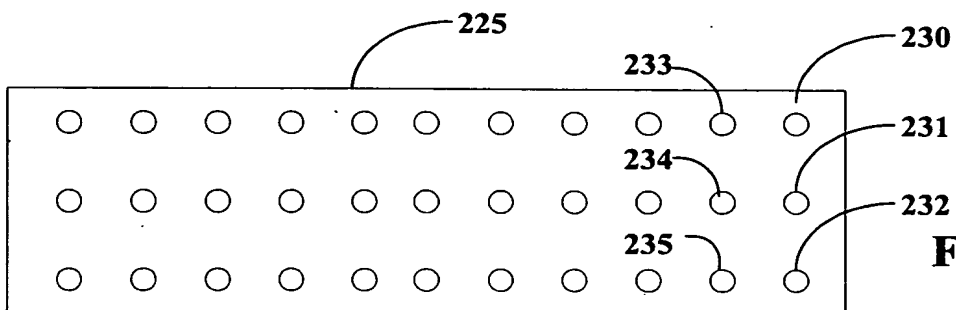


Figure 2B

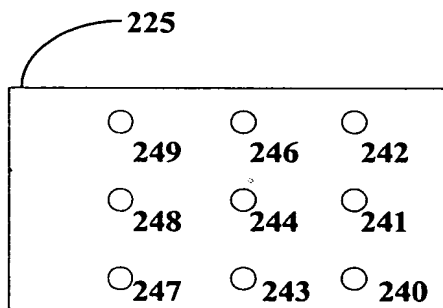


Figure 2C

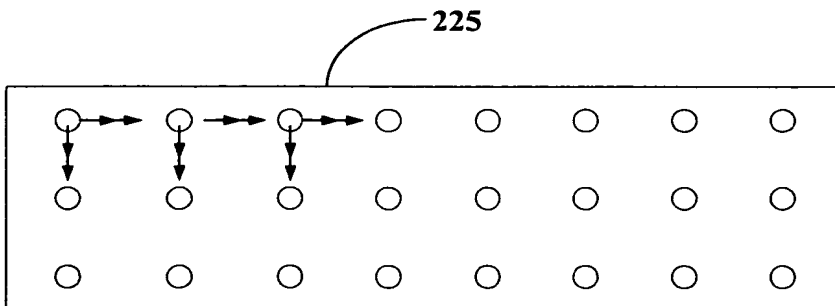


Figure 2D

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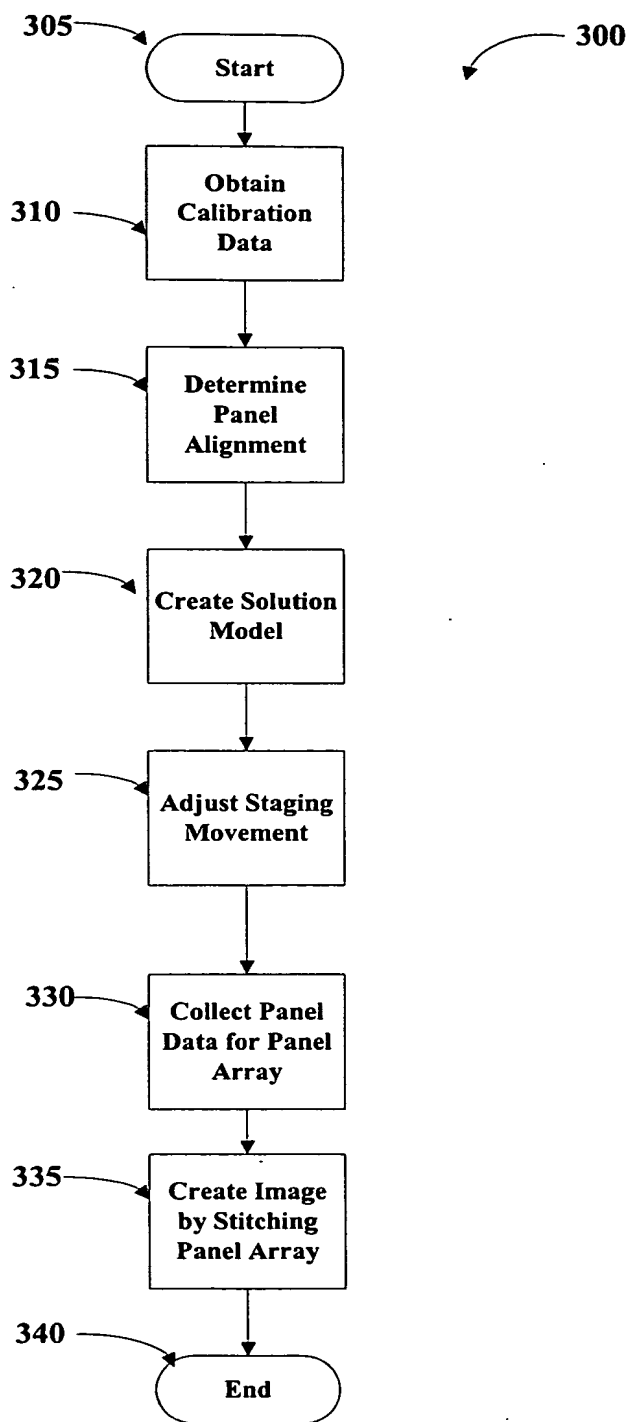


Figure 3

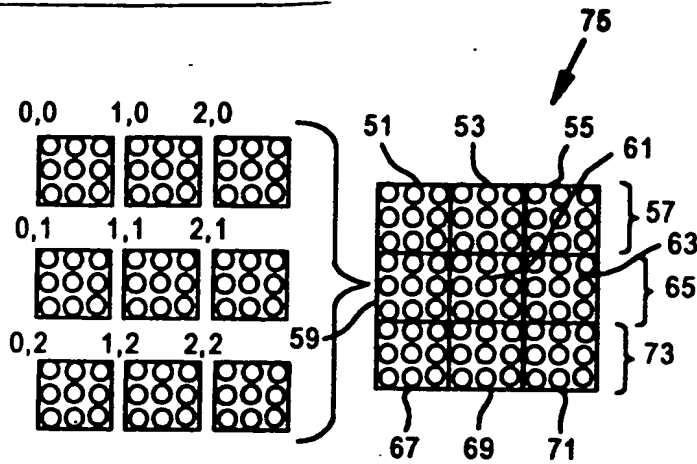
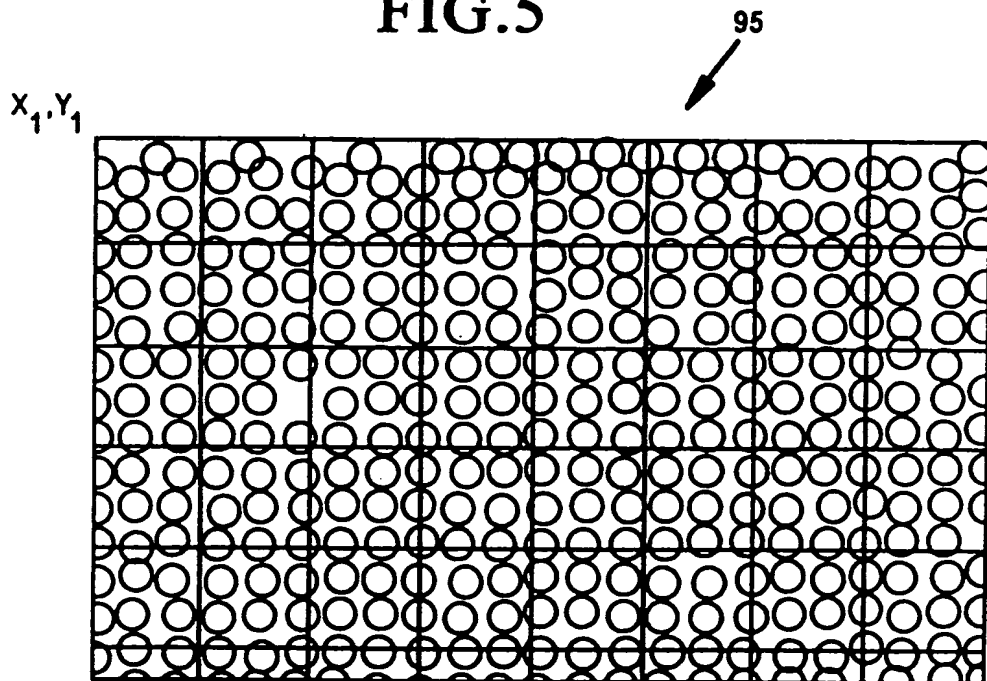


FIG. 4

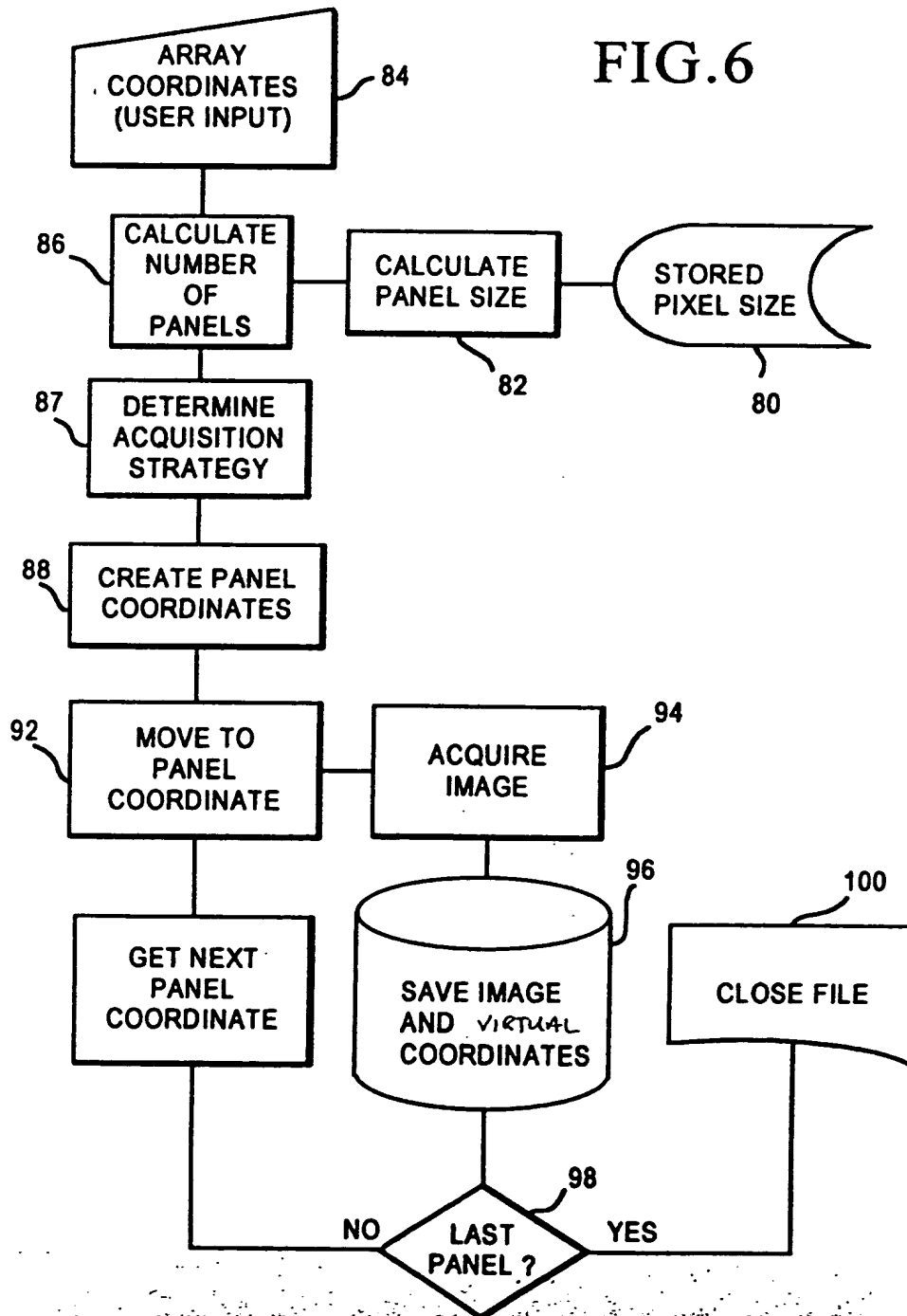
FIG. 5



X_n, Y_n

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FIG. 6



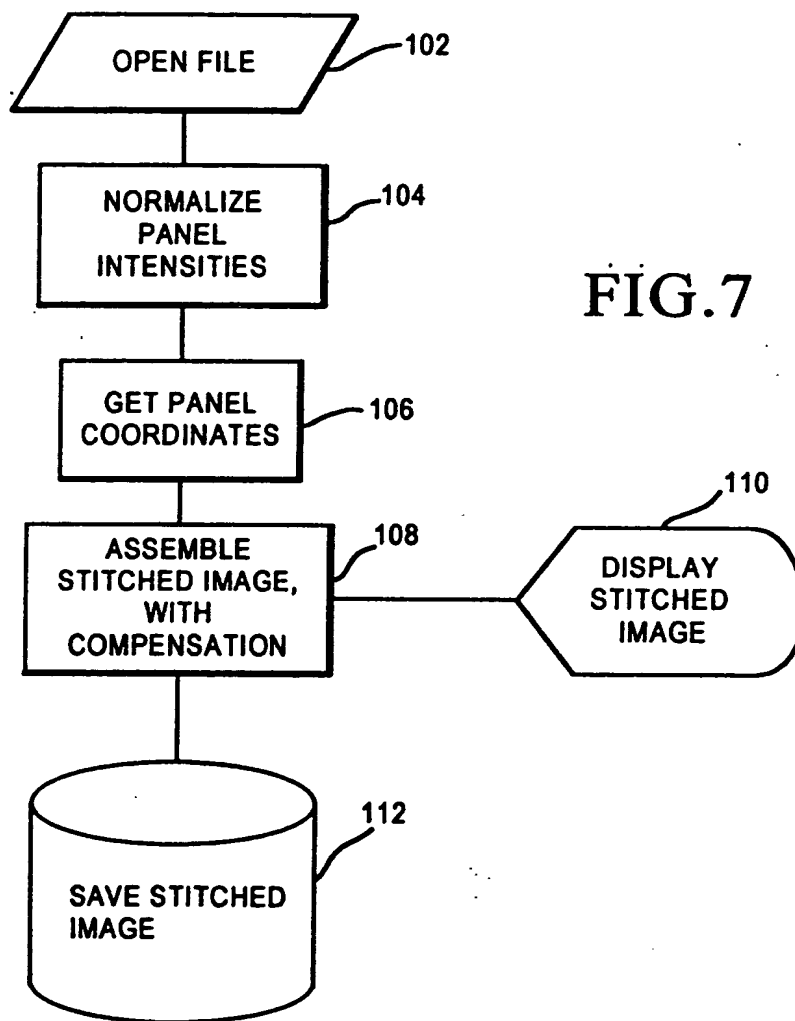


FIG. 7

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